

NEUMAN, V.; KULHANEK, V.; MADEROVA, V.; SINDELAROVA, K.

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M. D.)

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i Oddzialu Chirurgicznego Sanatorium im. O. Sokolowskiego w  
Zakopanem Ordynator: doc. dr med. W. Rzepecki.

(PREGNANCY, in various diseases,  
\*tuber., pulm., surg., lobectomy)  
(TUBERCULOSIS, PULMONARY, in pregnancy,  
\*surg., lobectomy)

BULSKA, Małgorzata; KLOTT, Maria; MADEY, Jan

Immediate and remote effect of pregnancy on the course of pulmonary tuberculosis. Gruzlica 24 no.10:1025-1038 Oct 56.

1. Z Instytut Gruźlicy. Dyrektor: prof. dr. J. Misiewicz  
W-wa, ul. Płocka 26.

(TUBERCULOSIS, PULMONARY, in pregnancy,  
immediate & remote eff. of pregn. on course of dis.  
(Pol))

(PREGNANCY, in various diseases,  
tuberc., pulm., immediate & remote eff. of pregn. on  
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MADEY, J.

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Beogr. 11 no.2:202-203 '59.

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**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001031320014-6**

JUCHNIEWICZ, Mieczyslaw; MADEY, Jan; STOPCZYK, Jan; ZIERSKI, Marian

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Keep up with the requirements of the new equipment. Bum.prom. 37  
no. 8:15-16 Ag '62. (MIRA 17:2)

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4001-EMT

Measurement of the resonance absorption of neutrons in a  
uranium-graphite lattice. M. D. Efimzurov, V. S. Di  
karev, and V. G. Madeev. Conf. Acad. Sci. U.S.S.R. on  
Peaceful Uses of Atomic Energy, Session Div. Phys. Math.  
Sci. 1955, 59-67 (Pub. 1955) (Engl. translation).—See C.A.  
50, 3103f.

B. M. R.

3  
EMT

MADEYEV. V.G.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1728  
AUTHOR DIKAREV, V.S., EGIAZAROV, M.B., KOROLEV, E.N., MADEEV, V.G.  
TITLE Investigation of the Protective Properties of Concrete.  
PERIODICAL Atomnaja Energija, 1, fasc.5, 136-137 (1956)  
Issued: 1 / 1957

The present work deals with the results obtained in connection with the spatial distribution of neutron fluxes and gamma rays in ordinary concrete (type PS) and in Limonite concrete (type LL). The protective properties of these types of concrete were investigated in radiation emitted from the active zone of an experimental nuclear reactor (with light water). These investigations aimed at obtaining experimental material for the computation and construction of concrete protection of the projected nuclear reactor for nuclear-chemical, radiochemical and biological investigations. For this purpose ordinary concrete with an average density of  $2,4 \text{ g/cm}^3$  with 30 weight percents of sand, 52,4% of gravel, 9,7% cement, and 7,3% water, as well as Limonite concrete with the average density of  $2,7 \text{ g/cm}^3$  with 33,7% Limonite sand, 44,6% Limonite gravel, 12% cement, and 9,7% water were investigated. The concrete was formed into blocks of  $750 \times 750 \times 105 \text{ mm}$ , which were stacked into the test corner of the reactor in form of a prism of 1260 mm length and a cross section of  $750 \times 750 \text{ mm}$ . The distance between the front edge of the prism and the center of the active zone amounted to 860 mm. Gamma radiation was detected by means of a small ion chamber of graphite and the flux of fast neu-

Atomnaja Energija, 1, fasc.5, 136-137 (1956) CARD 2 / 2

PA - 1728

trons was measured by means of a phosphor indicator. For the detection of resonance neutrons an iodine indicator with cadmium, and for the detection of thermal neutrons a dysprosium indicator was used. These detectors were arranged in the concrete at different distances from the center of the active zone. The thickness of the concrete was modified by gradually removing the concrete blocks. Two diagrams on the semi-logarithmic scale illustrate the curves of the attenuation of gamma radiation and neutron flux in ordinary and in Limonite concrete. In the case of distances of from 20 to 80 cm the spatial distribution of the neutron flux with different energies is determined in the concrete types under investigation by the spatial distribution of the fast neutrons. The neutron flux in this domain is attenuated experimentally by approximation. The relaxation lengths amount to 11 and 9 cm respectively for ordinary and for Limonite concrete. In the case of greater thicknesses of the concrete ( $> 80$  cm) the attenuation curves of the neutron fluxes become flatter, and relaxation lengths increase to 16 and 13 cm for ordinary and Limonite concrete respectively. Apparently it is here that the penetrating component of fast neutrons begins to take effect. The gamma radiation flux in concrete is composed of the primary gamma rays coming from the active zone of the reactor and of the secondary gamma rays created in the concrete. The relaxation length of the gamma rays in more than 80 cm thick concrete corresponds to the relaxation of fast neutrons.

INSTITUTION:

MADEYEV, V.G.

BEREZIN, V.S.; GROSHEV, L.V.; DIKAREV, V.S.; YEGIAZAROV, M.B.; KOROLEV, Ye.N.  
MADEYEV, V.G.; NIKOLAYEV, Yu.G.

Space distribution of gamma ray fluxes and slowing-down neutrons  
in the graphite column of the physics and engineering research  
reactor. Atom.energ. 2 no.2:118-122 F '57. (MLRA 10:3)  
(Gamma rays) (Nuclear reactors) (Neutrons)

MADEYEV, V.G.

THE RADIATION PROPERTIES OF CONCRETE. V. S.

Dikarev, M. S., Kuznetsov, G. N., Korday, and V. G.  
Madeyev. "Radiation Energy," No. 1, 196-6 (1971).  
It is shown that for the given neutron and gamma spectra,  
Boronite concrete has better shielding properties than  
ordinary concrete. Detailed results are tabulated and  
paraphrased below. (M.J.R.)

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ZHAVORONKOV, I.I. [translator]; NEMUKHIN, V.P. [translator]; GRAMP, A.M.  
[translator]; SHTEYNBERG, A.D. [translator]; MADEYEVA, R.I.  
[translator]; KARPUSHINA, I.M. [translator]; PEYSAKHZON, B.E.,  
kand.tekhn.nauk, otv.red.; VERINA, G.P., tekhn.red.

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eksploatatsionnoi raboty i tekhnicheskogo osnashcheniya  
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"Standardization In Health Resorts" p. 299. (Gaz, Woda I Technika Sanitarna, Vol. 27,  
no. 10, Oct. 1953, Warszawa)

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Vol. 29, no. 6, June 1955, GAZ, WODA I TECHNIKA SANITARNA  
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RUDOLF, Zygmunt; MADEYSKI, Andrzej

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CIA-RDP86-00513R001031320014-6

MADYSKI, Andrzej, mgr inz.

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woda techn sanit 37 nc.2:74 F -63.

APPROVED FOR RELEASE: 08/31/2001

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NADEYSKI, Krzysztof Mgr Inż.

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ZKONOMIKA TRANSPORTU Druckerei, Komunikacyjne Przedsiębiorstwo  
Przemysłu Wydawnictw i Drukarni, 1-4, Goczałkowice.

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ANALYST D'ITALIANOCCI : R ACCORDANTU TRANSPORT SAMACHLO AGOL. ANALYSIS OF THE  
ACTIVITIES OF THE AUTOMOBILE TRANSPORTATION OF IMPACTORS. Naukova Akademiya  
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"Soviet automotive transportation."

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p. 1 (Motoryzacja) Vol. 1<sup>o</sup>, no. 1, Jan. 1958  
Warsaw, Poland

SO: Monthly Index of East European Accessions (ELAI) LC. Vol. 7, no. 4,  
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MADEYSKI, Marian, prof.

Development perspectives and technological progress in automotive  
transportation. Przegl techn 81 no.24:13-15 Je '60.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6

MADEYSKI, Marian, prof.

The structure of the automotive rolling stock and the mechanization of loading Przegl techn 81 no.25:13-15 Je '60.

APPROVED FOR RELEASE: 08/31/2001

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LASKUS, Edward, inz., MADEYSKI, M., prof. ngt

Economic and technical conditions for proper development of  
the technical support base for motorization during the years  
1966-1970. Techn motor 14 no.10:297-303 O '64.

- #<sup>2</sup> 1. Technical manager of the Association of Technical Support  
Base for Motorization, Warsaw (for Laskus..

MADEYSKI, S.

2003

629.13.016 : 000.6

Madeyski S. Standardizing Aircraft Instruments and Equipment.  
"Normalizacja esprzetu i wyposazenia samolotowego". Wiadomosci  
PKW. No. 5, 1953, pp. 307-312, 10 figs.

The article quotes, as an example, a number of problems relating  
to aircraft instruments and equipment which either have been stan-

dardized or require standardization. The cockpit instrument panel and  
the method of mounting it, instruments, navigation instrument boxes  
and means of securing them on the panel. The problem of standard-  
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Dziulak, R. Flach, and R. Witkowski's Budujemy silniki do modeli latających (We Build Motors for Flying Models); a book review. p.15. (SKRZYDŁATA POLSKA, Warszawa, Vol. 11, No. 10, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,  
Uncl.

MADEYSKI, S.

To make use of the patent literature in the field of aviation. p.153. (TECHNIKA LOTNICZA, Warszawa, Vol. 9, No. 6, Nov./Dec. 1954)

SO: Monthly List of East European Accessions, (EEAI), LC, Vol. 4, No. 6, June 1955,  
Uncl.

MADEYSKI, S

Tiny, loose elements cause faulty assembling of joints.

p. 27 (TECHNIKA LOTNICZA) (Warszawa, Poland) Vol. 13, no. 1, Jan./Feb. 1958

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HADERSKI, S.

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1959. Unclassified.

25132  
P/008/61/000/007/003/003  
D235/D303

12.6000

AUTHOR: Madeyski, Stanisław, Master of Engineering

TITLE: Polish aviation patents

PERIODICAL: Technika lotnicza, no. 7, 1961, 158

TEXT: 1) Polish Patent No. 40382, Class 8i, 2. Bleaching solution for use on emulsion-coated transparencies. Submitted by: Zubrzycki Zygmunt, Krakow, Poland. Valid from: April 10, 1957. Published: December 10, 1957. The solution is obtained by dissolving 200-300g of stannous chloride in 500ml of HCl conc. and subsequent dilution with distilled water. In use it is applied over superfluous detail and is intended as a safe substitute for knifing, which often results in tearing the transparency base. 2) Polish Patent No. 40286, Class 19c, 3/21. Light type of runway surface. Instytut techniki budowlanej (Institute of Construction Technology, Warsaw, Poland). Submitted by: Nieweglowski Jan. Valid from: February 22, 1957. Published: December 7, 1957. The surface described consists of a glass cloth reinforced with a glass net and fastened to the

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Polish aviation patents

25132

P/008/61/000/007/003/003  
D235/D303

base by means of screw-in metal pins. The cloth and ropes are made from either continuous or cut glass fiber of about  $5\mu$  diameter. Both cloth and netting are sewn together so as to form an unbreakable unit. Thickness of the cloth can vary from 0.5mm to 3.0mm while the diameter of the netting ropes can vary from 5.0mm to 20.0mm. It can be laid either on rolled soil or for higher loads on the soil stabilized with cement or other materials and steam rolled. Both cloth and ropes can be colored for purposes of camouflage. 3) Polish Patent No. 38517, Class 42b, 12/05. Pneumatic Smoothness Tester. Centralne biuro konstrukcyjne obrabiarek, przedsiębiorstwo państowe (Central Lathe Construction Bureau, Government Establishment), Prószków, Poland. Submitted by: Mierzejewski Jerzy. Valid from: January 20, 1955. Published: July 2, 1957. Two chambers 7 and 8 of a differential manometer are divided by a membrane 12. At the start, they are both filled with compressed air. When a rubber bulb 1 is squeezed, air passes to a space 2, closed from the top by a membrane 3, which then lifts the piston 4. The latter exposes concentric inlets to spaces 5 and 6, which in turn are connected to chambers 7 and 8 respectively, both of which are at the same pressure. Compressed air escapes from 7 through a

Card 2/4

Polish aviation patents

25132

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D235/D303

nozzle 9 which is in contact with the tested surface, and the amount of escaped air depends on the degree of smoothness of that surface. From 8 has a dial 11. Bending of the membrane 12 caused by pressure difference closes the contacts 13, and the green bulb lights up when the flow is faster from 8, or red bulb when the flow is faster from 7. The degree of smoothness can be set on the dial 11, and in that case green light indicates a smoothness higher than that set on the dial, red light - lower while absence of light - smoothness identical with that set on the dial. The accuracy is sufficient for smoothness testing in workshop conditions. There is 1 figure.

X 6

Card 3/4

MADEYSKI, Stanislaw, mgr. inz.

Our participation in the discussion on inventiveness. Techn  
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Mechanicians," Warszawa; p. 1.  
2. "New Types of New Targets," T. KROCHULICKI, Major Eng.; pp  
2-3.  
3. "Situations of Safety in Aeromechanics," Stefan KICZONSKI,  
Pilot, Major in the Reserve; pp 3-5. [Article is taken in material  
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4. "Application of the Analysis of Damage Index to the Study of Con-  
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CGO: 2000-5  
1588

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Wazew, Technika lotnicza, Vol. XXII, no. 2, February '62	
1. "New Possibilities of Solving Technical and Economic Problems by Patent Inventions," (ed.), p. 53.	
2. "Selection of Working Inventions for Fertilizer Combustion Chambers in W-Pass Jet Engines," Jan JASIEVICZ, Magister Eng., pp. 36-37.	
3. "Determination of the Grade of Steel with the Aid of the Spectro- graph," Edmund PIERNICKI, Saper, and Boguslaw STANISZEWSKI, Mistrzyni BHP, pp. 32-33.	
4. "Some Remarks Concerning Production Organization and the Introduc- tion of Technical Standards in the Aviation Industry," Stefan PIERNICKI, Eng., pp. 4-5.	
5. "Technical Note of the SP-210 Camerelle Aircraft," Stefan JAWORSKI, MTC, Magister Eng., pp. 46-51.	
6. "The Exhibit Marks the 20th Anniversary of the Aviation Insti- tute (Institute Techniczny), Warsaw," pp. 5-12.	
7. "Patent News," S. MADEYSKI, Magister Eng., pp. 55-56.	

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MADEYSKI, S.

MADEYSKI, Stanislaw, mgr inz.

Our opinion concerning the implementing provisions to the  
"statute on inventions." Technik lotn 17 no. 9:253-254 S '62.

ACC NR: AM6028922

Monograph

PO/

Blasik Andrzej; Glass, Andrzej (Master in Engineering); Madeyski, Stanislaw (Master in Engineering), comps.

*Collection of articles*

Aircraft design in People's Poland" (Konstrukcje lotnicze Polski Ludowej; praca zbiorowa) [Warsaw] WKL. 1965. 250 p. illus., index., tables. 5200 copies printed.

TOPIC TAGS: aircraft, aircraft engine, helicopter, glider

PURPOSE AND COVERAGE: A handbook presented in popular form for all interested in aviation, this work reviews the aviation industry in Poland since WW II. The first part describes the historical progress of design in Polish aviation; the second part gives technical data, descriptions, and illustrations of gliders, planes, and helicopters built in Poland since WW II. A table is included of domestic and foreign aircraft engines used in Polish aircraft. The nation producing the engine is designated, together with the aircraft in which it is used, the type of aircraft, its horsepower, rpm, number of cylinders, cooling systems, and displacement. The preparation of this handbook was accomplished jointly by the following authors: S. Madeyski (pages 7-18 and 21-26); A. Glass (pages 18-20, 32-35, 96-99, and 128-252); and A. Blasik (pages 28-31, 36-95, 100-127).

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SUB CODE: 01/

SUEM DATE: 22Sep64/

Card 2/2

POLAND/Diseases of Farm Animals - Diseases Caused by Protozoa.

R-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45443

Author : Madecyski, Stefan

Inst :

Title : The Treatment of Bulls Infected with Trichomoniasis by  
a Modified Abelein's Method.

Orig Pub : Med. weteryn., 1957, 13, No 8, 46-462

Abstract : No abstract.

Card 1/1

MADEYSKI, St.; STEFAN, J.; WISNIEWSKI, J. (Krakow)

Application of hemolytic tests in the tuberculosis control in cattle  
of the Zootechnical Institute. Rocznik nauk rolniczych 70 no.1/4:168-169  
'60. (EEAI 10:9)

(Cattle) (Tuberculosis) (Hemolysis and hemolysins)

LUTYNSKI, R.; MADEYSKI, St.; WISNIEWSKI, J. (Krakow)

Attempt to introduce a regular serologic check up of the herd  
personnel simultaneously with the periodic tests of the cattle of  
the Zootechnical Institute. Rocznik nauk rolniczych 70 no.1/4:169-170  
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(Cattle) (Blood)

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1. "African Hog Cholera (Non-Gonococci) Disease," Tadeusz MARSHAL, *Medycyna Weterynaryjna*, Vol. 18, No. 4, April 1962.
  2. "Field Diagnosis of St. Agnieszka Using the Hc's Method," J. WILKIE, Z. ST. NADEJKI, and A. RUDAK, *Zaklad Nauk i Technologii w Klinice i Praktyce Weterynaryjnej* (ZAKW) of the Research Institute of Animal Hygiene (Zaklady Nauk i Technologii) of the Institute for Veterinary Medicine (Instytut Weterynarii) at Bydgoszcz (Director: Dr. Jerzy WILKIE); pp. 193-197.
  3. "Method of Diagnostic of Animal Hygiene (ZAKW) of the Research Institute for Veterinary Medicine (Instytut Weterynarii) at Krakow," Prof. Dr. Jerzy WILKIE; pp. 198-201.
  4. "Influence of Veterinary Parasites on the Health of the Cattle," M. LARSKI, *Prace Naukowe Instytutu Weterynarii w Warszawie* (Instytut Weterynarii), pp. 201-204.
  5. "Cases of Avian Influenza in Silver Pigeons, White Peasants, and Ninkas," J. STEFFEN and Jerry JERRY, *Prace Naukowe Instytutu Weterynarii w Warszawie* (Instytut Weterynarii), pp. 205-207.
  6. "Intranasal Immunization of Chicks Against Newcastle Disease Using the Strains INY, La Sota, and F. van der BOONISKA of the Research Office for Poultry Diseases (Zaklad Chorob Ptakow Groblin) of the Faculty of Veterinary Medicine (Wojskowa Akademia Medyczna), Main School of Rural Economy (Gospodarki Wiejskiej), Warsaw (Director: Docent Dr. Kazimierz MARKS); pp. 209-217.
  7. "Notes on the Serodiagnosis of Brucellosis of Sheep," Leopold UGORSKI of the WHO at Wroclaw (Director: Dr. L. UGORSKI); pp. 207-209 (English summary).
  8. "Phagocytosis and Blood Picture in Cattle Infected with Tuberculosis," Antoni DZIABA and Zofia MARKOWICZ of the Chair of Pathophysiology (Katedra Patogenotoksyki) of the Faculty of Veterinary Sciences (Wydzial Weterynarii) of the SGGW at Warsaw (Director: Prof. Dr. A. SZMIDLIK) and of Small Animal Disease Research Office (Zaklad Chorob Malych Zwierząt) of the Faculty of Veterinary Sciences of SGGW at Warsaw (Director: Docent Dr. V. STANKIEWICZ); pp. 210-211.
  9. "Rupture of Spleen in a Bull Suffering from Tuberculosis," Zofia WAGNER and Jan SARAPATA of the Chair of Pathophysiology (Katedra Patogenotoksyki) of the Faculty of Veterinary Sciences of the Higher School of Agriculture (Wysoka Szkoła Rolnicza) at Wroclaw (Director: Prof. Dr. Tadeusz JONKECH); pp. 212-213.

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VAL'ZHIN, F.V., AND N.D. LAVREK.

Zadachnik po eksperimental'noi aerodinamike; pod red. M. V. Iur'eva. 2. izd.  
Moskva, Izdat. aviat. lit-ry, 1945. 112 p., diagrs.

Title tr.: Book of problems in experimental aerodynamics.

'L 570. 13 127'

SG. Aeronautical Science and Aviation in the Soviet Union. Library of  
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MADEZHIN, S. P.

Mbr., Sector for Solution of Sci. Problems of Transportal, Dept. Tech. Sci., Acad. Sci., 1950.

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"Increasing the Traveling Speed, Weight of Cargoes, Capacity and Efficienty of the Hauling Ability of Means of Transportation,"

SO: bk., Moscow, 1950.

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CIA-RDP86-00513R001031320014-6

MADGAZIN, I.M. (Kara-Kalpakskaya ASSR)

Nurse from Nukus. Med. sestra 20 no.4:57-58 Ap '61. (MIKA 14:5)  
(DAMINOVA, DANIIL GARIFOVNA)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6"

AREAU, I.

PUTANIA

a list

of all persons who have been involved in the  
intelligence (espionage) activities of the  
Romanian intelligence.

With best, Romanian services appreciate your cooperation.

"Romanian Intelligence Service - SOLOMON-IONESCU"  
(for further information, I would like you to contact Mr. SOLOMON-IONESCU.)

Name: SOLOMON-IONESCU, Irina

Address, phone, fax, email, etc. etc.  
and other service info.

1 of 2

VASILIEV, R.; MADGEARU, M.; RADULESCU, M.; ANASTASESCU, Gr.

The gravimetric and gas determination of sodium nitrite in some  
drug mixtures. Rev chimie Min petr 13 no.1:55-56 Ja '62.

1. Institutul pentru controlul de stat al medicamentelor cureau  
farmaceutice.

RUMANIA

BERAL, H.; MUREA, L.; WERMESCHER, B.; MADGEARU, M.; CUCIUREANU, E.

Institute of State Control of Medicines and Pharmaceutical  
Research (Institutul pentru controlul de stat al  
medicamentelor si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 3, mar 63, pp 161-168.

"Application of Amperometric Titration Methods with two Indicative  
Electrodes in the Control of Drugs. VII. Study of the  
Conditions of Amperometric Titration of Certain Sulfonamides  
with a Silver Nitrate Solution."

(5)

BERAL, H.; WERMESCHER, B.; MUREA, L.; MADGEARU, M.; CUCIUREANU, E.

Amperometric study of the addition reaction of bromine to  
double bonds illustrated by the determination of phanodorn  
and evipan. Rev chimie Min petr 14 no.1:49-50 Ja '63.

1. Institutul pentru controlul de stat at medicamentelor si  
cercetari farmaceutice.

BERAL, H.; MUREA, L.; WERMESCHER, B.; MADGEARU, M.; CUCIUREANU, E.

Study of the amperometric titration conditions of some sulfonamides with sodium nitrate solution. Rev chimie Min petr 14 no.1:50 Ja '63.

1. Institutul pentru controlul de stat at medicamentelor si cercetari farmaceutice.

IVANKOVIC, Dragoslav, dr.; STEVANOVIC, Miljan, V., dr.; STANKOVIC, Svetozar,  
dr.; MADIC, Prednja, dr.

Sociology and therapy of hemiparesis of non-specific origin. Beitrage  
zum Symposium (Zagreb) 11 no.62-35-232 '64

1. Interna nastavna baza pri Gradskej bolnici u Beogradu.

L 41545-65  
ACCESSION NR: AP5012417

RU/0003/64/015/009/0576/0577

13

B

AUTHOR: Russu, C.; Madgearu, M.

TITLE: Contributions to the determination of vitamins in syrups

SOURCE: Revista de chimie, v. 15, no. 9, 1964, 576-577

TOPIC TAGS: vitamin, pharmacology, quantitative analysis

Abstract: The authors elaborated a method for the determination of vitamins A, B<sub>1</sub> and C in a combination vitamin syrup, in order to check loss of effectiveness against time of storage. Their method is simple and the errors are within admissible limits, so that it can be used successfully for the determination of these vitamins when they are incorporated in a syrup. The preparation on which the work was performed is "Sanostol" produced by the Promonta enterprise, and contains 3,000 I. U. of vitamin A, 750 micrograms of vitamin B<sub>1</sub>, 400 I.U. of vitamin D<sub>3</sub>, 20 milligrams of vitamin C and 5 milliliters of syrup. Orig. art. has 3 tables.

ASSOCIATION: Institutul pentru controlul de stat al medicamentelor si cercetarii farmaceutice (Institute for the State Control of Drugs and Pharmaceutical Research)

Card 1/2

L 41545-65  
ACCESSION NR: AP5012417

SUBMITTED: OO

ENCL: OO

SUB CODE: LS, GC

O

NO REF SOV: OOO

OTHER: OOO

JPRS

*me*  
Card 2/2

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6

BERAL, H., WERMETZER, H., MIRK, L., MELCHIOR, J., KLEIN, G.

Amperemetric ring at Muellerberg, June 1961. Anode: Pt, cathode: Pt  
64. D.C. ....

I. Institute for State Control of Meteorology and Geodesy  
Research, Berlin, GDR.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6"

L 31452-66 EWP(t)/ETI IJP(c) JD/JG

SOURCE CODE: RU/0003/65/016/002/0105/0105

ACC NR: AP60231P2

AUTHOR: Boral, H.; Wermescher, E.; Murea, L.; Cuciureanu, El.; Kadgearu, M.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Study of the method of amperometric determination using cerium sulphate as titration agent with special application to the determination of promethazine

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 105

TOPIC TAGS: amperometric titration, cerium compound

ABSTRACT: The authors found that amperometric titration using cerium sulfate is a satisfactory method for the determination of promethazine with an applied current of 10 to 200 millivolt, 2 platinum electrodes and the sulfuric acid concentration maintained at 2.5 N. The error of the method is within  $\pm 0.70$  percent. Orig. art. has: 1 figure and 1 table. [JPRg]

SUB CODE: 07 / SUBJ DATE: none / OTH REF: 002

Card 1/1 JT

0915

1393

L 30773-66

ACC NR: AP6020261

SOURCE CODE: RU/0003/65/016/11-/0600/0601

15  
2

AUTHOR: Murea, L.; Beral, H.; Cuciureanu, E.; Madgearu, M.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research  
(Institutul Pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice)

TITLE: Determination of methoxy-3(dimethylamino 3-methyl-2-propyl)-10-phenothiazine  
(Nozinan) in pharmaceuticals

SOURCE: Revista de chimie, v. 16, no. 11-12, 1965, 600-601

TOPIC TAGS: amperometric titration, pharmacology

ABSTRACT: The authors describe the amperometric determination of Nozinan tablets and liquid. The method elaborated requires approximately 30 minutes per determination and is more specific, more exact and simpler than the gravimetric method used before.  
Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none

Card 1/1 JS

L 42227-66

ACC NR: AP6031575

SOURCE CODE: RU/0003/66/017/001/0046/0047

AUTHOR: Murea, L.; Beral, H.; Cuciureanu, E.; Madgearu, M.

ORG: Institute for the State Control of Drugs and Biological Products (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Amperometric determination of some barbituric derivatives by means of silver nitrate solution

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 46-47

TOPIC TAGS: amperometric titration, drug, silver nitrate

ABSTRACT: The authors determined the optimal conditions for the amperometric titration with two indicator electrodes of luminal, veronal and amital with silver nitrate solution. Quantities of 0.03 to 0.1 grams can be determined with an error of  $\pm 0.23$  to  $\pm 0.32$  percent. Orig. art. has: 1 figure and 1 table.  
[JPRS: 36,002]

SUB CODE: 07, 06 / SUBM DATE: none / SOV REF: 004 / OTH REF: 009

Card 1/1 *LL*

0719 0260

S/081/62/000/022/037/088  
B158/B101

AUTHOR: Mádi, István

TITLE: Investigation of corrosion of homogeneous alloys using radio-isotopes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 308, abstract  
22I208 (Acta Univ. Debrecen., v. 7, no. 2, 1961 (1962),  
97 - 103 (Hung.; summary in Ger.))

TEXT: Results are given of measurements of the corrosion processes (CP) in time on the surface of Zn, Ta and Pb amalgams in various acids. The data show that the total corrosion process can be represented as the sum of individual processes. It was found that the quantity of material corroded varies proportionally with time of the CP. The rate constant for CP is determined by graphic analysis. [Abstracter's note: Complete translation.]

Card 1/1

MADI, Istvan

Production of carrier-free preparations of radioactive atoms by electrochromatographic process, and with the aid of anodically polarized platinum powder column. Magy kem folyoir 68 no.3:129-137 Mr '62.

1. Kossuth Lajos Tudomanyegyetem Fizikai-Kemiai Tanszeke, Debrecen

S/001/03/000/001/006/061  
B101/B106

AUTHOR: Mádi, István

TITLE: Separation of some radioactive rare earth elements in a carrier-free state by the electrochromatographic method

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 60, abstract  
1B384 (Acta Univ. debrecen., v. 7, no. 2, 1961 (1962) 105-118  
(Hung.; summary in Ger.))

TEXT: A method was developed for separating ions in a column of Pt powder, the column being connected to the cathode or the corresponding anode of a d-c source. A Pt needle served as second electrode. The elements separated in the column were washed out by an appropriate solution. Ce<sup>144</sup> was separated from Fr<sup>144</sup> and Ho<sup>166</sup> in a column connected as anode.  
(Abstracter's note: Complete translation.)

Card 1/1

MADI, Istvan

Kinetic analysis of the anodic electrolysis of radioactive substances.  
Magy kem folyoir 69 no.4:150-158 Ap '63.

l. Kossuth Lajos Tudomanyegyetem Fizikai-Kemiai Tanszeke, Debrecen.

MADI, Istvan

Changes in the number of the active centers depending on the potential and temperature characteristic of the anodic deposition of radioactive substances. Magy kem folyoir 70 no.11:505-509 N '64.

1. Chair of Physical Chemistry, Lajos Kossuth University,  
Debrecen.

L 16484-66 EWT(m) DIAAP  
ACC NR: AP6008584

SOURCE CODE: HU/0005/65/071/002/0062/0068

AUTHOR: Madi, Istvan

ORG: Department of Physical Chemistry, Kossuth Lajos Scientific University,  
Debrecen (Kossuth Lajos Tudomanyegyetem Fizikai-Kemial Tanszeke)

TITLE: Activation energy of the anodic deposition of radioactive substances

SOURCE: Magyar kemial folyoirat, v. 71, no. 2, 1965, 62-68

TOPIC TAGS: radioisotope, cesium, lead, activation energy, temperature dependence

ABSTRACT:

The kinetics of the anodic deposition of Ce-144 was studied as a function of anode voltage and temperature. The time of deposition was investigated at a given anode voltage at various temperatures and the value of the activation energy was determined for a given voltage from the temperature-dependence of the rate constants. The voltage-dependence of the activation energies was studied by means of measurements carried out at different voltages. The kinetics of the co-deposition of Ce-144 and Pb-212, and the effect of some organic substances on the anodic deposition of these radioactive isotopes, were also investigated. The author thanks Prof. L. Imre for assistance throughout this work. Orig. art. has: 13 figures and 7 formulas. [JPRS]

SUB CODE: 07 / SUBM DATE: 12Jun64 / ORIG REF: 002 / OTH REF: 011 / Sov REF: 003

Card 1/1 vmb

141  
B

19, 55

2

I 43958-55 EW/E/J/ DS/RM  
ACC NR: AP6032110

SOURCE CODE: HU/0005/66/000/001/0030/0039

AUTHOR: Madi, Istvan

ORG: Department of Physical Chemistry, Lajos Kossuth University of Sciences,  
Debrecen (Fizikai-Kemial Tanszek, Kossuth Lajos Tudomanyegyetem)TITLE: Study of oxidation-reduction processes on the amalgam-electrolyte interface  
by a radioactive tracer method. I. Electrochemical corrosion of amalgamated metals  
in the presence of oxidizing agents

SOURCE: Magyar kemial folyoirat, no. 1, 1966, 30-39

TOPIC TAGS: chemical kinetics, redox reaction, amalgam, corrosion, zinc alloy

ABSTRACT: The mechanism of the reduction  
of oxygen at the interface of an amalgam and an acid solution was studied  
with radioactively labeled amalgams. The amount of oxygen reaching the unit  
surface of the amalgam by diffusion in unit time was determined and compared  
with the calculated value; it was found that the reduction of oxygen during  
the corrosion of zinc amalgams proceeds according the reaction  $O_2 + 4H^+ +$   
 $4 e^- \rightarrow 2 H_2O$ , whereas lead and thallium amalgams corrode according to  
 $O_2 + 2H^+ + 2 e^- \rightarrow H_2O_2$ . In order to elucidate the reduction kinetics of  
amalgams, the time profile of the electrochemical corrosion of amalgamated  
metals in solutions saturated with an inert gas was examined in the presence  
of oxidizing agents ( $H_2O_2$ ,  $IO_3^-$ ,  $S_2O_8^{2-}$ , methylene blue, etc.). It was found  
that the variation of corrosion with time may be formally described by the  
differential equation characteristic of reversible chemical reactions, and  
the rate-determining factor is the diffusion of the oxidizing agent.

Crig. art. has: 18 formulas, 3 tables, and 18 formulas. /JPRS: 34, 805/

Card 1/1 SUB CODE: 07 / SUBM DATE: 02Jun65 /ORIG REF:006/SOV REF:001/OTH REF:001

0919 1222

Madiafousek, J.

Impedance plethysmography as a method of measurement of blood flow  
in the extremities. P. 100  
CESKOSLOVENSKA FYSIOLOGIE. (Ceskoslovenska akademie ved. Fy-  
siologicky ustav) Praha  
Vol. 5, no. 1, 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6

1965, Janvier 5

"Etude de solubilité des systèmes des équations algébriques linéaires"

Suj: Recueil de travaux, de l' institut de recherche sur La Structure de la matière

Vol. 2., Belgrade, Janvier 1965

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6"

*Magić Petar R.* Error domain in the solution of systems  
of linear algebraic equations, Bull. Soc. Math. Phys.  
Srbije 8 (1956), 191-194. (Serbo-Croatian. English  
summary)

If the vector  $X_p$  represents the approximate solution of  
the system  $A \cdot X = b$ , then the sum of the squares of the  
errors is  $(X - X_p)^t \cdot A^t \cdot A \cdot (X - X_p) = c$ , where  $c$  is a positive  
constant and  $t$  indicates transpose. The domain of errors in  
the solutions is therefore given by:

$$|c\lambda^{-1}| \leq |X - X_p|^2 \leq |c\mu^{-1}|,$$

where  $\lambda$  and  $\mu$  are respectively the greatest and the least  
eigenvalue of the matrix  $A^t \cdot A$ .

*From the author's summary.*

*fmw*

August 10, 1959

TOMOVIC, Rajko M.; MADIC, Petar B.

Function approximation by integration. Bul Inst Nucl 10:93-99 Mr '60.  
(EEAI 10:5)

1. Institute of Nuclear Sciences "Boris Kidrich" Laboratory of  
Applied Mathematics.  
(Computers) (Diodes)

IVANKOVIC, D.; MADIC, R.

Focal arthritis of appendicular origin. Srpski arh. celok. lek. 88  
no.7/8:803-806 Jl Ag '60.

1. Interno odjeljenje Gradske bolnice u Beogradu. Sef: prof. dr  
Mihailo Andrejevic.

(APPENDICITIS compl) (ARTHRITIS RHEUMATOID etiol)

ANDREJEVIC, Mihajlo, dr., prof.; STANKOVIC, Sotir; KOROLIJA, Petar;  
MADIC, Radmila

Contribution to the clinical picture of pleural epithelioma. Srpski  
arh. celok. lek. 89 no.1:5-11 Ja '61.

1. Interno odeljenje Gradske bolnice u Beogradu. Sef: prof. dr  
Mihajlo Andrejevic.

(PLEURA neopl) (CARCINOMA BRONCHOGENIC case reports)

USSR / General Problems of Pathology. Experimental Treatment. U-5

Abs Jour : Ref Zhur - Biol., № 10, 1958, № 46980

Author : Madich, K.K.

Inst : Not given

Title : Skin Sarcoms.

Orig Pub : V sb.: Rak i predrakovyye zabolеваниya koshi i guby,  
Yerevan, 1956, 361-367.

Abstract : No abstract.

Card 1/1

50

MADICH, K.K., cand med Sci -- (diss) "Clinico-morphological  
peculiarities of skin cancer in the Georgian SSR." Tbilisi,  
Pub House of Acad Sci Georgian SSR, 1959, 19 pp (Tbilisi  
State Med Inst) O' caries (ML, 25-59, 131)

- 116 -

S/115/61/000/008/009/009  
E194/E119

AUTHORS: Korsunskiy, L.M., and Madikyan, E.M.

TITLE: An electromagnetic flowmeter with an error not exceeding 0.5% of the full scale value

PERIODICAL: Izmeritel'naya tekhnika, no.8, 1961, 53-55

TEXT: The Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments) has developed and made a prototype electromagnetic flowmeter with a scale maximum of 500 m<sup>3</sup>/hour and error not greater than 0.5% of the full scale reading. The fluid flows in a rectangular duct (70 x 220 mm) of methacrylate polymer through the field of an a.c. magnet. The magnet is made of transformer steel. A tuned bank of capacitors is connected in parallel with the magnet winding, which greatly reduces the current demand; the power consumption is not greater than 400 VA. The chamber is screened against interference, which does not exceed 5  $\mu$ V. A flow rate of 500 m<sup>3</sup>/hour gives an output voltage of 12 mV. A schematic diagram of the secondary circuit is shown in Fig.2. The output voltage from the pick-up is compensated by

Card 1/3

An electromagnetic flowmeter with ...

S/115/61/000/008/009/009  
E194/E119

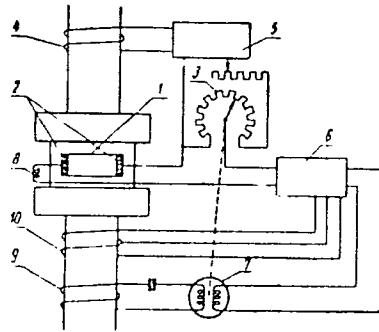
voltage derived from a motor driven rheostat 3; here 1 is the chamber described above and 2 the electrodes. The rheostat is supplied through a phase shifter 5 from a special coil 4 on the magnet armature so that variations in the magnetic field have little influence on the readings. The difference between the voltage of the cell and that of the rheostat is applied to amplifier 6 by means of an RC circuit. This controls the reversing motor 7 which drives the rheostat. The input resistance of the amplifier is of the order of 5 megohms so that liquids can be measured if the specific resistance does not exceed  $10^5 - 10^6$  ohm cm. To obtain stable phase relationships the field winding of the reversing motor and the anode circuit of the last stage of the amplifier are respectively fed from special windings 9 and 10 on the magnet armature. A correction curve was constructed to allow for errors in manufacture of the rheostat. The total error was found not to exceed 0.5% of the maximum scale readings. Supply voltage variations in the range 200-220 V did not affect the readings.

There are 4 figures and 1 Soviet-bloc reference.

Card 2/3

An electromagnetic flowmeter with... S/115/61/000/008/009/009  
E194/E119

Fig. 2



Card 3/3

L 13002-65 EPA(s)-2/EWT(m)/EWP(t)/EWP(b) Pt-10 JD/JG  
ACCESSION NR: AR4046007 S/0058/64/000/007/E028/E029

SOURCE: Ref. zh. Fizika, Abs. 7E212 B

AUTHORS: Zakharin, Ya. A.; Kulik, I. O./Madikyan, E. M./Popova, M. A./Eydel'man, L. G.

TITLE: Growing of large NaI(Tl) and CsI(Tl) single crystals 18

CITED SOURCE: Sb. Stsintillyatory\* i stsintillyats. materialy\*,  
Khar'kov, Khar'kovsk. un-t, 1963, 13-17 27 27

TOPIC TAGS: activated crystal, single crystal, scintillator,  
crystal growth, crystal imperfection

TRANSLATION: The Stockbarger method is used to develop equipment and a procedure for obtaining single crystals of NaI(Tl) (I) and CsI(Tl) (II) of large dimensions (diameters 200 and 100 mm, respectively). An oven system is described, which ensures temperature stability within the working volume of the oven accurate to 0.1 -- 0.15%, and which makes it possible to obtain crystals free of macroscopic defects. The single crystals were grown in quartz ampoules

Card 1/2

L 13002-65

ACCESSION NR: AR4046007

suspended in the oven to prevent deformation of the phase separation boundaries at the place of contact with the oven, and to prevent formation of parasitic crystallization nuclei resulting from the increased heat transfer. The formation of parasitic nuclei in II is influenced by the aperture angle of the ampoule cone. The annealing regime and the lowering of the temperature to room temperature during the growth of single crystals I and II are discussed. For I the annealing time was 10--14 days; crystals II, which are plastic down to room temperature, required no prolonged annealing. L. Yerman.

SUB CODE: SS

ENCL: 00

Card

2/2

GEGUZIN, Ya.Ye.; STARTSEV, V.I.; BURAVLEVA, M.G.; MADIKYAN, R.A.; NARBUT,  
T.P.; SHPUNT, A.A.

Cloudiness ("agine") of pellets pressed from ionic crystal powders.  
Kristallografiia 5 no.2:295-302 Mr-Ap '60. (MIRA 13:9)

l. Kharkovskiy f lial Vsesoyuznogo nauchno-issledovatel'skogo instituta  
khimicheskikh reaktivov.  
(Salt) (Potassium chloride)

FREUND, Ladislav, sanitetski potpukovnik, dr.; MADIRACA, Ante,  
sanitetski potpukovnik, dr.

Attempted therapy of dyspnea and asphyxia following acute  
edema of the larynx. Vojnosanit. pregl. 19 no.4:293-297  
Ap '62.

1. Medicinski centar ratne mornarice u Splitu, Odjel za bolesti  
uha, nosa i grla.  
(DYSPNEA) (ASPHYXIA) (LARYNGEAL EDEMA)

S

SEMIN, V.S.; MADIS, V.I.

Dormant period in plants. Fiziol. rast. 11 no.2:287-292  
Mr-Ap '64. (MIRA 17:4)

1. Laboratory of Biophysics, Institute of Horticulture, Viticulture  
and Wine-Making, Kishinev.

MADISON, V.A.; KASICH, P.P.

Twentieth anniversary of the special school for cheese  
makers in Zvenigorodka. Khar. prom. no.1:88 Ja-Mr '65.

(MIRA 18:4)

AUTHORS:

Madison, V. G., Engineer, 307 113-58-13-12-13  
Nikiforov, S. I., Engineer, Shavel'zon M. V.,  
Engineer

TITLE:

Integral Timing Relay (Integral'noye rele vremeni)

PERIODICAL:

Priborostroyenie, 1958, Nr 10, pp 26-37 (USSR)

ABSTRACT:

This apparatus is devised for the tilting of the slitters of Martin furnaces. In 1956 the Uralmetallurgavtomatik began to produce the test series. In 1957 the normal production started. The apparatus consists of two blocks. The timing relay block and the block for the switch mounted on an automatic potentiometer by means of which the temperature of the furnace lining is measured. Two radiation pyrometers of the RP type sight the upper filling limit of the furnace and by way of a control switch are connected to the automatic potentiometer EP-120-1s. The motion of the pointer mechanically changes a resistance which belongs to a timing relay. The consequence of this is a change of the frequency of the re-adjustment. The relay block is mounted on an asynchronous with a starting condenser motor of the type D-32. The nominal values for the resistances

Card 1/2

Integral Timing Relay

SOV 113-58-10-12/19

used are partly given. By selecting them the right way it could be achieved that between the temperature and the time of delay of the relay a linear dependence was enforced. Until now the apparatus has been operating satisfactorily. There are 3 figures.

Card 2/2

TKHORZHEVSKIY, V.P.; PEREVEZENTSEV, I.G.; MABISON, V.G., retsentent;  
STROGANOV, L.P., inzh., red.

[Design of instruments for countries with a tropical  
climate] Konstruirovaniye priborov dlja stran s tropiche-  
skim klimatom. Izd.2., perer. i dop. Moskva, Izd-vo Ma-  
shinostroenie, 1964. 199 p. (MIR 17:6)

32 (3)

SOV/112-57-5-10942

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 197 (USSR)

AUTHOR: Korogodskaya, R. L., Madison, V. P.

TITLE: Selector Testers for Decade-Step Railroad Automatic Telephone Central Offices (Pribory dlya ispytaniya iskateley ZhATS dekadno-shagovoy sistemy)

PERIODICAL: Sb. Leningr. in-ta inzh. zh.-d. transpr., 1956, Nr 151, pp 164-169

ABSTRACT: The Chair of Electric Communications, Leningradskiy institut inzhenerov zheleznodorozhnogo transporta (Leningrad Institute of Railroad Transportation Engineers), in collaboration with the workers of Leningrad Railroad Junction, have developed and built special instruments for service tests of selectors. Connection diagrams of three instruments are presented; two of the instruments are intended for testing repeater-type selectors (type A central offices) and also for testing trunk connectors. The instruments have buzzers for checking the contacts of the call circuit as well as two dials for checking vertical wiper motion with various speeds of dial rotation. Each dial

Card 1/2

SOV/112-57-5-10942

Selector Testers for Decade-Step Railroad Automatic Telephone Central Offices

has one breaking contact and one making contact. One instrument is intended for testing selectors of type EV-5 central office. Time studies and the supervisors of adjusters working with the above testers have established that it takes 50-70 sec to make an overall check of a group selector combining the available-outlet check with the vertical-wiper movement check at various dial speeds; checking a connector takes 75-80 sec. As a result of the above modern selector testing with the new testers, equipment maintenance has improved and its continuous operation secured. 3 illustrations.

T.I.L.

Card 2/2

SIPOVSKIY, G.V.; SHMAGIN, Ya.G.; MADISSON, E.G.

Certain data on the removal of carboxylic acids from shale-tar fractions. Khim. i tekhn. gor. slan. i prod. ikh perer. no.11:  
296-306 '62. (MIRA 17:3)

MADISSON, E.Kh.

Selecting methods for reclaiming absorbent solar oil. Khim. i tekhn.  
gor. slan. i prod. ikh perer. no.11:180-188 '62. (MIRA 17:3)

MADIY, I., inzh.

Modernized O-10 paint grinder. Stroitel' no.10:11 0 '60.  
(MIRA 13:9)  
(Paint machinery)

MADIYEV, K.

Flotation of quartz and feldspar by using dodecylamine. (From: Bulletin  
of the Institution of Mining and Metallurgy, no.575, Oct.1954.) TSvet.  
met.29 no.3:96 Mr '56. (MLRA 9:7)  
(Flotation) (Quartz) (Feldspar)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320014-6

LIVSHITS, A.K.; MADIYEV, K.M.

Experimental use of butyl aerofloat SK. TSvet. met. 29 no.8:  
10-13 Ag '56. (MLRA 9:10)

(Balkhash--Flotation) (Krasnoural'sk--Flotation)

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CIA-RDP86-00513R001031320014-6"

136-3-2/25  
AUTHORS: Livshits, A.K. and Madiyev, K. M.  
TITLE: The Composition of Aliphatic Amines and Their Flotational Action. (O sostave alifaticheskikh aminov i ikh flotatsionnnoy deystviy).

PERIODICAL: Tsvetnyye Metally, 1957, No.3, pp.5-8 (USSR)

ABSTRACT: In connection with the organization of the production of aliphatic amines for use in flotation the problem of how their composition affects their flotation action has become very important. In this article the collecting action on quartz and smithsonite of pure primary and secondary amines (represented by octadecylamine and methyl-octadecylamine) is compared, as is the action of IM-11 technical amines and the amine mixture obtained from synthetic aliphatic acids. Preparation methods are outlined and amine properties are given as well as the size grading of the quartz used in the experiments; and the yield of -0.2 + 0.15 mm yield 83%; -0.15 + 0.1 mm yield 17%, the lump smithsonite containing 83.3% of the mineral. Experimental curves are given of quartz extraction against pH of the pulp (range 7.0 to 10.7), and of zinc extraction against collector consumption. Among the conclusions drawn is that the view of Lenz, Terry and Wittcoff (Ref.7) that all secondary amines are poor collectors does not

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The Composition of Aliphatic Amines and Their Flotational Action.  
apply to those in which one radical is composed of a  
long chain and the other is a methyl group: such are good  
collectors for quartz, but secondary amines, irrespective  
of chain lengths, are poor collectors for smithsonite.  
There are 4 figures, 1 table and 9 references, 2 of which  
are Slavic.

ASSOCIATION: Gintsvetmet.

AVAILABLE: Library of Congress

136-12-2718

AUTHORS: Livshits, A.K., Gurvich, S.M., and Kadiyev, K.M.  
TITLE: Search for Collectors for Cement Copper Flotation (Izyskaniye  
sobirately dlya flotatsii tsementnoy medi)

PERIODICAL: Tsvetnye Metally, 1957, No.12, pp. 6 - 9 (USSR).

ABSTRACT: This is a preliminary communication of the results of laboratory-scale tests on the following classes of sulphur-containing compounds for the flotation of cement copper: dialkyl- and diaryl-dithiophosphoric acids, xanthic acids, disulphides, polydisulphides and bis-sulphides. The seventeen reagents giving the best results are listed. Reagent consumptions and data on the two concentrates and tailings obtained by the use of various reagents for cement copper from samples of two almalyks ores are tabulated (Tables 1 and 2). The effectiveness of the reagents is discussed in terms of their structures. There are 2 tables.

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MADIYEV, K.M.

10700\* (Russia.) Effects of Composition of Aliphatic Amines on Flotation Activity. O' sostav alifaticheskikh aminov i ikh flotatsionnykh deistviy. A. K. Ispitil' i Y. M. Madiev. *Vzryvaya Metally*, v. 60, Mar. 1977, p. 6-2.

Flotation of quartz and smilicite by pure octadecylamine and methyl-octadecylamine and industrial amine derived from synthetic aliphatic acids. Yield of quartz and smilicite in relation to the pH of the pulp and the amount of collector used.

14620

LIVSHITS, A.K.; GURVICH, S.M.; MADIYEV, K.M.

Synthesis and the testing of collectors of cement copper. Sbor.  
nauch.trud.GINTSVETMET no.16:128-136 '59. (MIRA 14:4)  
(Copper--Metallurgy) . (Flotation--Equipment and supplies)

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GURVICH, S.M.; LIVSHITS, A.K.; MADIYEV, K.M.

Preparation and industrial use of butyl aerofloat SK. Sbor.nauch.  
trud.GINTSVETMET no.16:137-143 '59. (MIRA 14:4)  
(Butyl aerofloat SK)

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LIVSHITS, A.K.; MADIYEV, K.M.

Mechanism of the collecting action of dixanthogenides. TSvet.  
met. 33 no.6:1-3 Je '60. (MIRA 14:4)  
(Flotation—Equipment and supplies)

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KHAMITOVA, A.M., aspirant; BEDNYY, M.S., aspirant; MADIYEV, N., aspirant

On the occasion of a "methodological letter." Zdrav. Ross. Feder.  
7 no.9:43-44 S '63. (MIRA 16:10)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny  
imeni N.A. Semashko.